

CLAIMS

What is claimed is:

1. A method for personal profile detection comprising the steps of:
 - a) accepting profile data on a first PID (Portable Information Device) wherein said profile data is customizable by a user of said PID ;
 - b) storing said profile data on said first PID;
 - c) providing for an exchange of information between said first PID and a second PID proximate with said first PID when shared interests exist between said profile data stored on said first PID and profile data stored on said second PID.
2. The method of Claim 1 wherein said step c) comprises providing for a user customizable exchange of information between said first PID and a second PID proximate with said first PID when shared interests exist between said profile data stored on said first PID and profile data stored on said second PID.

3. The method of Claim 1 wherein said step c) further comprises the step of:

c1) determining by said first PID shared interests existing between said profile data stored on said first PID and profile data stored on said second PID.

4. The method of Claim 3 wherein said step c1) comprises determining by said first PID shared interests existing between said profile data stored on said first PID and profile data stored on said second PID wherein said determining is user customizable.

5. The method of Claim 1 wherein said step c) further comprises the steps of:

searching for and detecting by said first PID profile data keyword information transmitted from a second PID;

determining by said first PID shared interests existing between said profile data stored on said first PID and profile data stored on said second PID;

requesting by said first PID from said second PID data relevant to said shared interests; and

receiving said relevant data from said second PID by said first PID.

6. The method of Claim 1 wherein said step c) further comprises the steps of:

transmitting by said first PID user pre-determined keyword information from said stored profile data of said first PID;

receiving requests by said second PID for profile data relevant to said transmitted keyword information; and

transmitting said relevant profile data to said second PID.

7. The method of Claim 1 further comprising the step of:

d) initiating an event on at least one of said first PID and said second PID when shared interests exist.

8. The method of Claim 7 wherein said step d) further comprises the sounding of an alarm on said first PID.

9. The method of Claim 7 wherein said step d) further comprises displaying relevant data from said second PID on a display of said first PID.

10. The method of Claim 1 wherein said step c) of providing for an exchange of information comprises RF (Radio Frequency) communications which incorporate the Bluetooth protocol.

11. The method of Claim 1 wherein said PID's comprise handheld organizers.

12. The method of Claim 1 further comprising the step of:

b1) enabling said PID with short-range RF communications ability.

~~13.~~ A personal profile detection (PPD) device comprising:

a) a data input component;

b) means for accepting customizable profile data input by a user from said data input component, said means for accepting customizable profile data coupled to said data input component;

c) a data storage component coupled to said means for accepting customizable profile data, said data storage component adapted to storing said customizable profile data; and

d) a RF communications receiver coupled to said means for accepting customizable profile data, said RF communications receiver

adapted to receive information from a proximate portable information device (PID).

14. The PPD device of Claim 13 wherein said means for accepting customizable profile data further provides for:

determining the existence of shared interests corresponding to said customizable profile data and profile data received from said proximate PID.

15. The PPD device of Claim 13 further comprising:

e) a RF communications transmitter coupled to said means for accepting customizable profile data, said transmitter adapted to transmit information from said PPD device to said proximate PID when shared interests exist between said customizable profile data and profile data of said proximate PID.

16. The PPD device of Claim 13 wherein said data storage component is selected from the group consisting of volatile memory, non-volatile memory, solid-state memory, mass storage or other storage components.

17. The PPD device of Claim 13 further comprising:

e) a display component coupled to said means for accepting customizable profile data and adapted to display said information received from said proximate PID.

18. The PPD device of Claim 15 wherein said RF communications receiver and said means for accepting customizable profile data further adapted to:

search for and detect keyword information transmitted by said proximate PID, and

upon determination of said shared interests by said means for accepting customizable profile data, said transmitter and said means for accepting customizable profile data request from said proximate PID data relevant to said shared interests.

19. The PPD device of Claim 14 further comprising:

e) a speaker coupled to said means for accepting customizable profile data and adapted to sound an alarm when said means for accepting customizable profile data determines said existence of said shared interests corresponding to said customizable profile data and said profile data received from said proximate PID.

20. The PPD device of Claim 13 wherein said RF communications receiver is adapted to operate according to the Bluetooth protocol.

21. A computer-usable medium having computer-readable code embodied therein for causing a PID (Portable Information Device) to perform the steps of:

- a) accepting profile data on a first PID (Portable Information Device) wherein said profile data is customizable by a user of said PID ;
- b) storing said profile data on said first PID;
- c) providing for an exchange of information between said first PID and a second PID proximate with said first PID when shared interests exist between said profile data stored on said first PID and profile data stored on said second PID.

22. The computer-usable medium of Claim 21 further comprising the step of:

- d) initiating an event on said first PID when shared interests exist.

23. The computer-usable medium of Claim 21 wherein said step c) further comprises the steps of:

searching for and detecting by said first PID profile data keyword information transmitted from a second PID;

determining by said first PID shared interests existing between said profile data stored on said first PID and profile data stored on said second PID;

requesting by said first PID from said second PID data relevant to said shared interests; and

receiving said relevant data from said second PID by said first PID.